

**15**

signals from the first mobile radio over a reverse channel, the method comprising the steps of:

determining a reverse channel signal quality metric for each of the plurality of mobile radios, thus creating a plurality of reverse channel signal quality metrics; 5

summing the plurality of reverse channel signal quality metrics; and

the base station instructing the remote transmitter to decrease the power output at least if the sum of the reverse channel signal quality metrics is greater than or equal to a maximum reverse channel signal to noise ratio. 10

**16**

**29.** The method of claim **28** further including the steps of:

determining a minimum reverse channel signal quality metric of the first mobile radio; and

the base station instructing the remote transmitter to decrease the power output if the minimum reverse channel signal quality metric is greater than a desired reverse channel signal quality metric.

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